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PATENT

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And H.A.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dwight H. Warkentin Examiner: Unknown  
Serial No.: 09/896,281 Group Art Unit: 3762  
Filed: June 29, 2001 Docket: P9002.00  
Title: MULTI-SITE VENTRICULAR PACING SYSTEM MEASURING QRS  
DURATION

RECEIVED  
MAR 14 2002  
TO 3100 MAIL ROOM

PRELIMINARY AMENDMENT BEFORE FIRST ACTION

Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Dear Sir:

The following amendments and remarks are respectfully submitted.

In the Specification:

Please enter the following amendment prior to issuing a first action on the merits:

Please replace the paragraph beginning at page 11, line 15 with the following rewritten paragraph:

a1  
FIG 2 is a schematic representation of an implanted, three channel cardiac pacemaker of the above noted types for restoring AV synchronous contractions of the atrial and ventricular chambers and simultaneous or sequential pacing of the right and left ventricles. The pacemaker IPG 14 is implanted subcutaneously in a patient's body between the skin and the ribs. Three endocardial leads 16, 32 and 52 connect the IPG 14 with the RA, the RV and the LV, respectively, through connections made in the IPG connector block 14. A remote indifferent can electrode may be formed as part of the outer surface of the housing of the IPG 14. In addition, a plurality of electrodes 22, 24